

Scaled data based on original data using
LM-79-08 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions
(formerly Eaton)

Brand: INVUE

Report Number: P674522

Luminaire Tested: **CCP-SA-2C-722-U-T2R-HSS**

Issue Date: 04/16/2023



Test Information

Test Method: LM-79-08
Report Number: P674522
Test Lab: INNOVATION CENTER(G2)
Issue Date: 04/16/2023
Manufacturer: COOPER LIGHTING SOLUTIONS (FORMERLY EATON)
Product Line: INVUE
Catalog Number: CCP-SA-2C-722-U-T2R-HSS
Description: INVUE CLEAR CURVE POLE MOUNT Light Square Luminaire @615mA w/ T2R distribution lens and House Side Shield
Light Source: (32) 2200K CCT, 70 CRI LEDs
Ballast/Driver: ELECTRONIC DRIVER

Summary

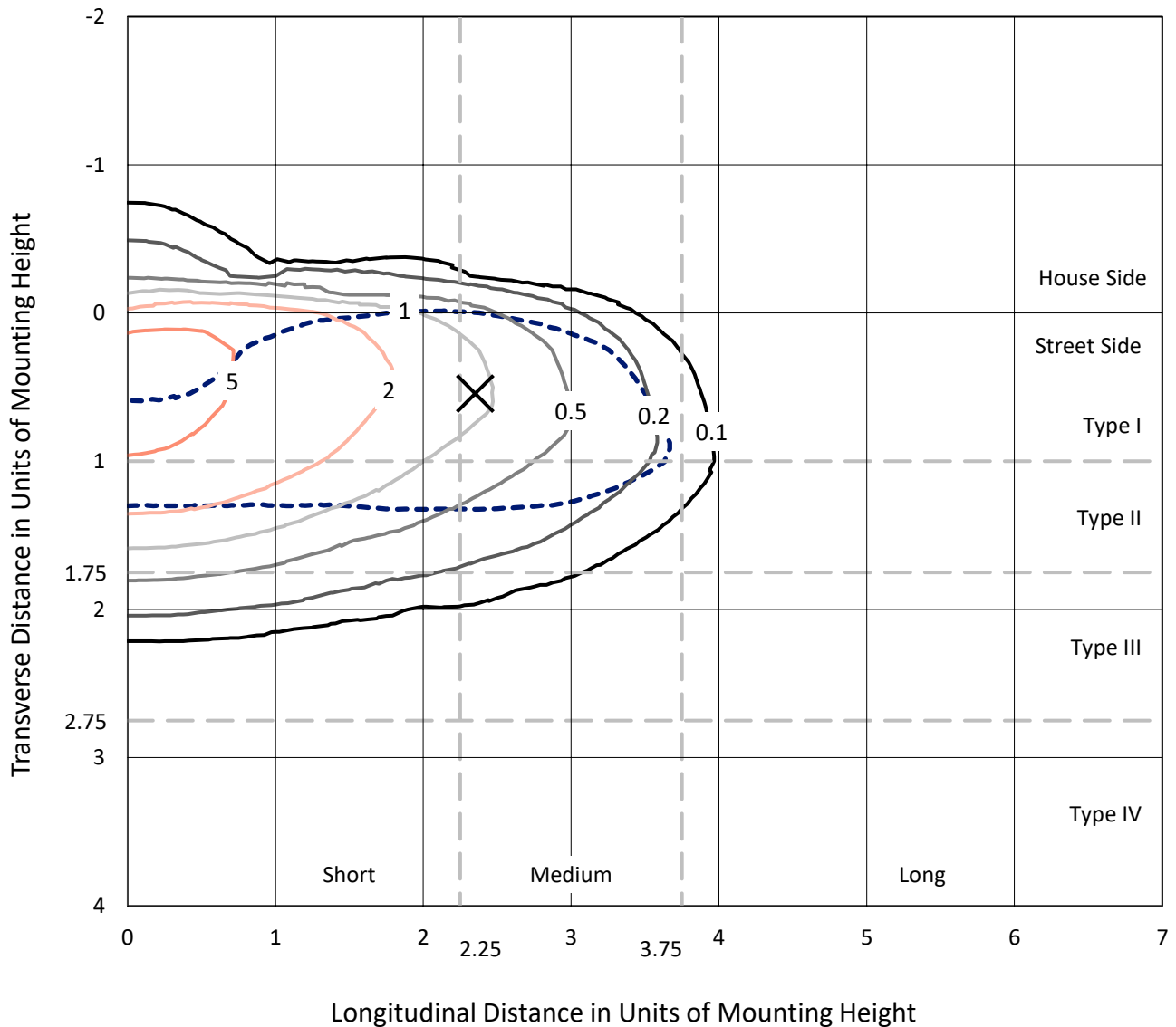
Lumens per Lamp: N/A
Luminaire Lumens: 5392.6 lumens
Efficiency: N/A
Efficacy: 86.8 lumens/watt
Luminous Opening: Rectangular (W 1' x L: 1' x H: 0')
IES Classification: Type II - Medium
BUG Rating: B0 - U0 - G1

Input Watts (W): 62.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 25 FT

REPORT NUMBER: P674522
 CATALOG NUMBER: CCP-SA-2C-722-U-T2R-HSS

Iso-Footcandle Lines of Horizontal Illumination

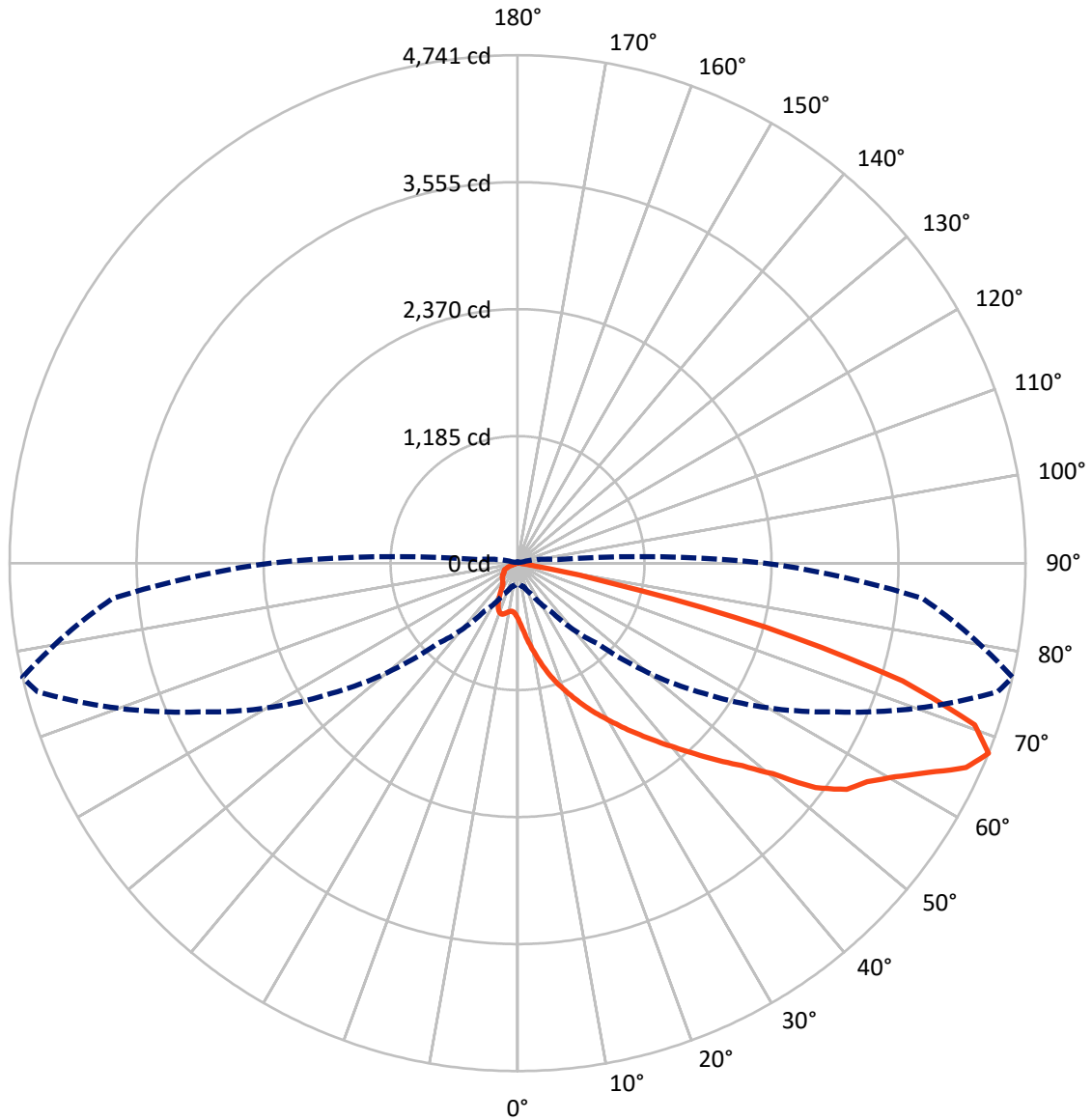
× Max cd
 - - - 1/2 Max cd



Based on 15 foot mounting height. Maximum calculated value = 6.7 fc
 Type II - Medium - N/A

REPORT NUMBER: P674522
CATALOG NUMBER: CCP-SA-2C-722-U-T2R-HSS

Luminous Intensity Polar Plot



— Vertical Plane Through 77-Deg Lateral - - - Horizontal Cone Through 67.5-Deg Vertical

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 CATALOG NUMBER: CCP-SA-2C-722-U-T2R-HSS

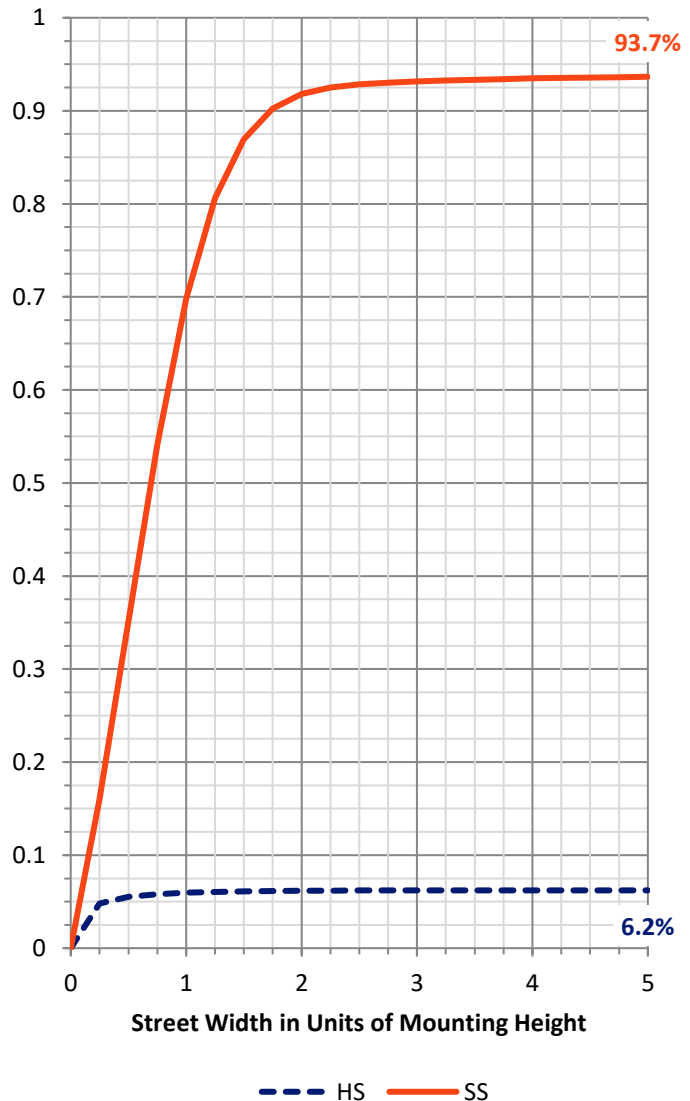
FLUX DISTRIBUTION:

		Downward	Upward	Total
House Side	Lumens	337.0	0.0	337.0
	% Fixture	6.2	0.0	6.2
Street Side	Lumens	5055.6	0.0	5055.6
	% Fixture	93.8	0.0	93.8
Total	Lumens	5392.6	0.0	5392.6
	% Fixture	100.0	0.0	100.0

Coefficient of Utilization

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	60.7	1.1
10°-20°	224.5	4.2
20°-30°	438.6	8.1
30°-40°	766.8	14.2
40°-50°	1118.2	20.7
50°-60°	1307.6	24.2
60°-70°	1060.0	19.7
70°-80°	398.2	7.4
80°-90°	18.1	0.3
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-90°	5392.6	100.0
0°-180°	5392.6	100.0



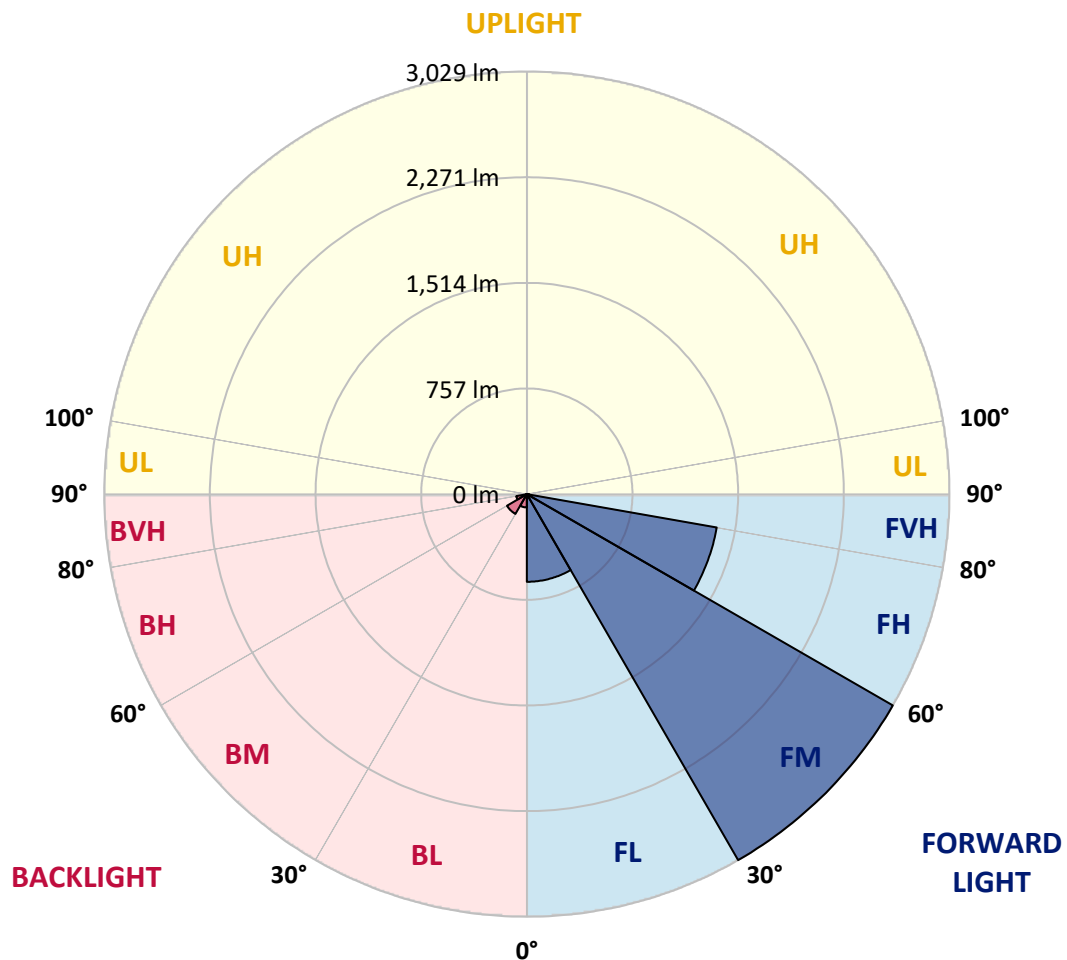
REPORT NUMBER: P674522
 CATALOG NUMBER: CCP-SA-2C-722-U-T2R-HSS

LUMINAIRE CLASSIFICATION SYSTEM LUMEN TABLE AND BUG RATING:

Zone	Lumens	% Fixture	Zone Rating/Lumen Limit		
			B	U	G
FL (0°-30°)	628.2	11.6			
FM (30°-60°)	3028.6	56.2			
FH (60°-80°)	1381.8	25.6			G1/1800
FVH (80°-90°)	17.1	0.3			G1/100
BL (0°-30°)	95.6	1.8	B0/110		
BM (30°-60°)	164.0	3.0	B0/220		
BH (60°-80°)	76.4	1.4	B0/110		G0/110
BVH (80°-90°)	1.0	0.0			G0/10
UL (90°-100°)	0.0	0.0		U0/0	
UH (100°-180°)	0.0	0.0		U0/0	

BUG Rating: B0-U0-G1

Type II Medium





REPORT NUMBER: P674522

CATALOG NUMBER: CCP-SA-2C-722-U-T2R-HSS

CANDELA DISTRIBUTION (FULL):

	0°	5°	15°	25°	35°	45°	55°	65°	75°	77°	85°
0°	516.5	516.5	516.5	516.5	516.5	516.5	516.5	516.5	516.5	516.5	516.5
2.5°	775.5	747.3	752.6	740.9	725.8	690.8	653.8	616.8	583.7	576.4	543.3
5°	993.1	984.3	975.1	967.3	935.7	891.8	825.2	740.4	664.0	650.9	582.2
7.5°	1162.0	1148.9	1157.2	1133.3	1100.2	1057.8	973.1	882.6	764.8	745.3	638.7
10°	1286.7	1279.3	1283.2	1272.0	1256.0	1213.6	1129.9	1016.5	880.2	843.2	702.0
12.5°	1380.1	1381.6	1398.6	1399.6	1386.4	1351.9	1263.3	1145.0	984.8	951.7	772.1
15°	1448.3	1449.7	1470.7	1493.1	1508.2	1490.1	1409.8	1277.4	1108.0	1062.7	845.6
17.5°	1459.5	1460.4	1497.4	1542.7	1589.4	1605.0	1543.2	1408.8	1220.4	1168.8	929.8
20°	1466.8	1475.0	1508.2	1560.2	1634.2	1682.4	1648.8	1534.9	1329.5	1269.6	1012.6
22.5°	1555.4	1555.4	1574.8	1611.8	1670.7	1746.2	1739.4	1650.8	1435.6	1376.2	1094.8
25°	1743.3	1743.3	1724.3	1714.6	1746.2	1805.6	1822.6	1774.4	1556.8	1486.7	1181.5
27.5°	1992.0	1992.0	1962.3	1890.8	1863.5	1888.4	1906.4	1882.0	1668.8	1599.7	1273.0
30°	2250.1	2258.8	2207.2	2116.2	2020.8	2001.8	1984.3	1978.9	1788.1	1710.2	1366.0
32.5°	2509.0	2508.1	2443.8	2330.4	2205.8	2138.6	2081.6	2075.3	1914.6	1838.2	1454.1
35°	2715.9	2716.4	2648.8	2532.4	2388.3	2302.6	2211.1	2181.4	2053.4	1968.2	1559.3
37.5°	2895.1	2884.9	2811.8	2701.3	2567.0	2478.4	2364.5	2287.1	2197.0	2110.3	1664.4
40°	2997.8	2984.2	2913.1	2807.9	2706.2	2638.5	2538.3	2414.6	2354.7	2261.3	1784.2
42.5°	3012.9	3001.2	2954.0	2890.7	2807.5	2748.1	2721.3	2558.7	2520.2	2435.5	1927.3
45°	2970.5	2951.6	2936.0	2902.9	2879.5	2850.8	2887.3	2712.0	2710.1	2625.9	2069.0
47.5°	2865.4	2839.6	2843.5	2880.0	2906.3	2932.1	3046.0	2913.1	2901.4	2822.6	2254.9
50°	2685.8	2673.1	2715.9	2788.0	2892.2	2995.4	3204.2	3118.5	3164.8	3090.8	2511.5
52.5°	2320.6	2336.2	2464.3	2637.6	2817.7	3025.1	3352.7	3425.2	3543.5	3482.7	2769.5
55°	1882.5	1876.7	2047.5	2355.2	2642.9	3006.1	3417.4	3605.8	3791.8	3728.0	2913.1
57.5°	1516.4	1526.7	1642.0	1946.3	2346.4	2859.5	3432.5	3700.3	3891.6	3849.2	3046.0
60°	1138.2	1147.9	1253.1	1517.9	1952.1	2553.8	3307.9	3733.4	4079.0	4046.9	3258.2
62.5°	724.4	737.0	842.7	1100.2	1492.1	2078.7	3028.0	3698.8	4274.7	4301.5	3547.9
65°	356.3	367.5	445.4	642.6	997.5	1554.4	2637.6	3566.9	4524.0	4600.4	3780.1
67.5°	197.2	202.5	229.3	327.1	556.4	1066.1	2119.6	3285.0	4638.4	4740.6	3795.7
70°	153.3	154.8	165.0	190.8	271.2	625.6	1507.7	2815.7	4401.3	4524.9	3479.7
72.5°	129.0	131.0	135.8	144.6	169.4	325.7	947.3	2176.1	3703.2	3759.2	2692.1
75°	94.4	97.4	111.0	118.8	133.9	197.6	417.7	1307.6	2447.2	2392.2	1506.2
77.5°	79.4	81.8	85.2	96.4	110.5	134.8	146.5	548.2	996.0	866.0	395.3
80°	54.0	57.0	66.2	72.0	93.5	89.1	60.9	147.0	200.1	163.1	75.9
82.5°	38.5	40.9	45.8	58.9	67.7	47.2	33.1	44.8	48.2	45.8	24.8
85°	12.2	15.6	33.1	48.7	36.5	16.1	20.9	17.0	15.1	14.6	9.7
87.5°	2.4	2.4	16.6	19.5	14.6	8.3	7.3	5.4	6.8	6.8	5.4
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0



REPORT NUMBER: P674522
 CATALOG NUMBER: CCP-SA-2C-722-U-T2R-HSS

CANDELA DISTRIBUTION (continued):

	90°	95°	105°	115°	125°	135°	145°	155°	165°	175°	180°
0°	516.5	516.5	516.5	516.5	516.5	516.5	516.5	516.5	516.5	516.5	516.5
2.5°	527.7	505.8	474.2	444.5	414.3	392.9	377.8	362.7	356.8	354.4	348.1
5°	551.1	509.2	446.4	395.8	358.8	335.4	321.3	309.1	301.3	298.9	295.5
7.5°	584.7	524.3	434.2	375.8	338.8	313.5	290.6	264.3	243.4	235.1	231.7
10°	621.2	547.2	436.2	371.9	322.8	267.3	216.1	173.8	155.3	148.5	143.6
12.5°	674.7	572.5	444.5	367.5	274.6	190.8	138.3	120.7	116.3	115.4	114.4
15°	728.3	608.0	458.1	338.3	204.9	130.0	114.9	108.6	106.1	103.7	103.7
17.5°	782.3	642.1	463.4	281.4	141.7	112.5	104.7	99.3	95.4	93.5	92.0
20°	843.2	678.1	447.9	211.8	113.4	102.7	94.0	87.6	84.2	82.3	80.8
22.5°	908.9	713.7	413.8	147.5	103.2	92.5	84.2	77.9	74.5	72.5	72.0
25°	970.7	744.3	359.3	111.0	93.0	82.8	75.0	69.6	67.2	65.2	64.7
27.5°	1034.5	770.6	288.2	97.8	84.7	75.0	67.2	62.8	60.4	58.9	58.4
30°	1096.8	788.6	214.7	89.6	77.4	67.7	60.9	57.4	55.0	53.5	53.1
32.5°	1161.1	798.9	145.1	82.3	70.1	61.3	55.5	52.1	50.6	49.2	49.2
35°	1222.9	797.4	104.7	75.5	64.3	55.5	50.1	47.7	47.2	45.8	45.8
37.5°	1290.5	787.2	89.1	69.1	57.9	50.1	45.8	44.3	43.8	42.8	42.4
40°	1367.5	764.3	81.3	64.3	52.6	45.8	41.9	40.9	40.4	39.4	39.4
42.5°	1451.7	734.6	76.9	58.9	48.2	41.4	38.5	37.0	36.5	35.5	35.5
45°	1549.5	706.4	74.0	53.5	44.3	38.0	35.1	33.6	33.1	32.1	32.1
47.5°	1682.9	690.3	69.1	48.7	39.9	34.6	31.6	30.7	29.7	28.7	28.7
50°	1866.4	671.3	62.8	43.8	36.5	31.2	29.2	27.7	27.3	26.3	26.3
52.5°	2017.4	630.9	56.5	38.9	32.6	28.7	26.8	25.8	24.8	24.3	24.3
55°	2070.4	583.7	50.1	35.1	29.7	26.8	24.8	23.9	23.4	22.9	22.9
57.5°	2155.1	568.6	44.3	31.2	26.8	24.8	22.9	22.4	21.9	21.4	20.9
60°	2299.7	577.4	38.9	27.7	24.3	22.4	20.9	20.4	19.5	18.5	18.5
62.5°	2439.9	566.7	33.1	24.3	20.9	20.0	18.5	17.5	15.6	14.1	13.1
65°	2474.0	495.1	28.7	20.4	17.5	16.6	15.1	13.1	10.2	8.3	8.3
67.5°	2309.0	376.3	24.8	17.5	14.6	13.6	10.7	8.8	6.3	4.9	4.9
70°	1905.4	238.5	20.4	13.6	12.2	9.2	6.8	6.3	4.4	3.9	3.4
72.5°	1374.8	130.5	17.0	11.2	8.8	5.8	4.9	3.9	2.9	1.9	1.9
75°	696.1	61.3	12.7	8.8	5.8	3.9	2.9	1.9	1.9	1.5	1.5
77.5°	197.2	28.2	8.3	5.8	3.9	2.4	1.9	1.5	1.5	1.0	1.0
80°	38.9	14.1	5.4	3.9	2.9	1.9	1.5	1.0	1.0	0.5	0.5
82.5°	14.1	7.3	3.9	2.9	2.4	1.9	1.0	0.5	0.5	0.0	0.0
85°	7.3	3.9	2.9	2.4	1.9	1.5	1.0	0.5	0.0	0.0	0.0
87.5°	3.9	2.9	2.4	2.4	1.9	1.5	1.0	0.5	0.0	0.0	0.0
90°	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)